

Application No. 10/024,080  
Response to Office Action

Customer No. 01933/

Listing of Claims:

1. (Currently Amended) A confirmation sequence in which  
progress of transmission of data from a data circuit-terminating  
equipment to a circuit is confirmed by a data terminal equipment,  
wherein the confirmation sequence is part of a communication  
5 sequence which performs transmission of data from a the data  
terminal equipment to a the circuit via a the data  
circuit-terminating equipment by asynchronously executing  
transmission of the data from the data terminal equipment to the  
data circuit-terminating equipment and transmission of the data  
10 from the data circuit-terminating equipment to the circuit,  
wherein the confirmation sequence comprises:  
      wherein sending a first command, which indicates that the  
transmission of the data from the data circuit-terminating  
equipment to the circuit has not ended, from the data circuit-  
15 terminating equipment sends a first command to the data terminal  
equipment if the transmission of the data from the data  
circuit-terminating equipment to the circuit has not ended at a  
predetermined timing time after end of transfer transmission of  
the data from the data terminal equipment to the data  
20 circuit-terminating equipment has ended,

sending a second command, for requesting confirmation of the  
progress of the transmission of the data from the data circuit-

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25 terminating equipment to the circuit, from the data terminal equipment sends a second command to the data circuit-terminating equipment at an arbitrary timing upon reception after receipt by the data terminal equipment of the first command,

30 upon reception receipt of the second command [[,]] by the data circuit-terminating equipment, one of: (i) again sending of sends the first command from the data circuit-terminating equipment if the transmission of the data from the data circuit-terminating equipment to the circuit has not ended, and (ii) sending a third command, for indicating that the transmission of the data has ended, from the data circuit-terminating equipment to the data terminal equipment if the transmission of the data from the data circuit-terminating equipment to the circuit has ended, and

40 ending the confirmation sequence by the data terminal equipment and the data circuit-terminating equipment execute a post data transmission procedure after the third command is exchanged sent from the data circuit-terminating equipment and received by the data terminal equipment.

2. (Currently Amended) A communication confirmation sequence according to claim 1, wherein the second first command includes information representing the a degree of progress of data the transmission of the data.

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3. (Currently Amended) A communication confirmation sequence according to claim 1, wherein the communication sequence is based on an ITU-T (International Telecommunication Union-Telecommunication sector) recommendation T.32.

4. (Currently Amended) A data circuit-terminating equipment which receives data sent from a data terminal equipment, and which sends the received data to a circuit asynchronously with reception of the data, said data circuit-terminating equipment comprising:

~~a reception section which receives data sent from a data terminal equipment in a first sequence;~~

~~a transmission section which transmits the data received in the reception section to a circuit in a second sequence asynchronous to the first sequence;~~

~~an unended transmission notification section which sends a first command, which indicates that transmission of the data to the circuit has not ended, to the data terminal equipment if the transmission of the data to the circuit in the transmission section has not ended at a predetermined timing time after end of the reception of the data in the reception section from the data terminal equipment has ended;~~

~~a response section which, sends, to the data terminal equipment upon reception of a second command from the data~~

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20 terminal equipment for requesting confirmation of progress of the transmission of the data to the circuit, (i) again sends the first command to the data terminal equipment if the transmission of the data to the circuit has not ended, and (ii) sends a third command, which indicates that the transmission of the data to the circuit has ended, to the data terminal equipment if the transmission of the data to the circuit has ended; and  
25 a terminating processing section which executes a post-data transmission procedure between the data circuit-terminating equipment and the data terminal equipment after the third command  
30 is sent.

5. (Currently Amended) A data circuit-terminating equipment according to claim 4, wherein the ~~response section causes the second~~ first command ~~to include~~ includes information representing the a degree of progress of data the transmission of the data to the circuit.

6. (Original) A data circuit-terminating equipment according to claim 4, wherein communication with the data terminal equipment is performed by a communication sequence based on an ITU-T recommendation T.32.

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7. (Currently Amended) A data terminal equipment which transmits data to a circuit via a data circuit-terminating equipment which asynchronously performs reception of the data and transmission of the data to the circuit, ~~and comprises said data terminal equipment comprising:~~

5 an inquiry section which sends a second command, of for requesting confirmation of progress of the transmission of the data from the data circuit-terminating equipment to the circuit, to the data circuit-terminating equipment at an arbitrary timing after the data circuit-terminating equipment sends a first command, which indicates that the transmission of the data to the circuit has not ended, after end-of transfer transmission of the data to the data circuit-terminating equipment from the data terminal equipment has ended; [[,]] and

10 15 a terminating processing section which executes a post-data transmission procedure after the data circuit-terminating equipment sends a third command, which indicates that the transmission of the data to the circuit has ended, in accordance with response to the second command sent from the inquiry section.

8. (Original) A data terminal equipment according to claim 7, wherein communication with the data circuit-terminating equipment is performed by a communication sequence based on an ITU-T recommendation T.32.

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9. (Currently Amended) A storage medium which stores a communication control program which causes is executable by a computer having a function of transmitting data to be transmitted to a circuit to a data circuit-terminating equipment which 5 asynchronously performs reception of the data and transmission of the data to the circuit, ~~to perform control concerning transmission of the data,~~ wherein the communication control program includes a program which operates is executable by the computer to cause the computer to operate as:

10 an inquiry section which sends a second command, for requesting confirmation of the transmission of the data from the data circuit-terminating equipment to the circuit, to the data circuit-terminating equipment at an arbitrary timing after the data circuit-terminating equipment sends a first command, which indicates that the transmission fo the data to the circuit has not ended, after ~~end of transfer~~ transmission of the data to the data circuit-terminating equipment from the data terminal equipment has ended; [[,]] and

20 a terminating processing section which executes a post-data transmission procedure after the data circuit-terminating equipment sends a third command, which indicates that the transmission of the data to the circuit has ended, in accordance with response to the second command sent from the inquiry section.